

50c

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/523,999
Source: PU
Date Processed by STIC: 1/24/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 01/24/2006

PATENT APPLICATION: US/10/523,999

TIME: 10:08:39

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\01052006\J523999.raw

```

3 <110> APPLICANT: Wockhardt Limited
W--> 4 <120> TITLE OF INVENTION: Process for the Extraction and Isolation of Insulin
W--> 5      from recombinant sources
W--> 6 <130> FILE REFERENCE: WH-1
C--> 8 <140> CURRENT APPLICATION NUMBER: US/10/523,999
C--> 8 <141> CURRENT FILING DATE: 2005-02-09
      8 <150> PRIOR APPLICATION NUMBER: PCT/IB2003/005197
      9 <151> PRIOR FILING DATE: 2003-11-14
      10 <150> PRIOR APPLICATION NUMBER: US 60/431050
      11 <151> PRIOR FILING DATE: 2002-12-05
W--> 12 <160> NUMBER OF SEQ ID: 2
W--> 13 <210> SEQ ID NO: 1
      14 <211> LENGTH: 135
      15 <212> TYPE: PRT
      16 <213> ORGANISM: Homo sapiens
W--> 17 <400> SEQUENCE: 1
      19 Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe Ala Ala Ser
      20 1          5          10          15
      22 Ser Ala Leu Ala Ala Pro Val Asn Thr Thr Thr Glu Asp Glu Thr
      23          20          25          30
      25 Ala Gln Ile Pro Ala Glu Ala Val Ile Gly Tyr Ser Asp Leu Glu
      26          35          40          45
      28 Gly Asp Phe Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn
      29          50          55          60
      31 Asn Gly Leu Leu Phe Ile Asn Thr Thr Ile Ala Ser Ile Ala Ala
      32          65          70          75
      34 Lys Glu Glu Gly Val Ser Leu Asp Lys Arg Phe Val Asn Gln His
      35          80          85          90
      37 Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly
      38          95          100          105
      40 Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly Ile Val Glu Gln Cys
      41          110          115          120
      43 Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
      44          125          130          135
      49 <210> SEQ ID NO: 2
      50 <211> LENGTH: 408
      51 <212> TYPE: DNA
      52 <213> ORGANISM: Homo sapiens
W--> 53 <400> SEQUENCE: 2
      55 atg aga ttt cct tca att ttt act gca gtt tta ttc gca gca tcc 45
      56 Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe Ala Ala Ser
      57 1          5          10          15
      59 tcc gca tta gct gct cca gtc aac act aca aca gaa gat gaa acg 90

```

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```

60 Ser Ala Leu Ala Ala Pro Val Asn Thr Thr Thr Glu Asp Glu Thr
61                20                25                30
63 gca caa att ccg gct gaa gct gtc atc ggt tac tca gat tta gaa 135
64 Ala Gln Ile Pro Ala Glu Ala Val Ile Gly Tyr Ser Asp Leu Glu
65                35                40                45
67 ggg gat ttc gat gtt gct gtt ttg cca ttt tcc aac agc aca aat 180
68 Gly Asp Phe Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn
69                50                55                60
71 aac ggg tta ttg ttt ata aat act act att gcc agc att gct gct 225
72 Asn Gly Leu Leu Phe Ile Asn Thr Thr Ile Ala Ser Ile Ala Ala
73                65                70                75
75 aaa gaa gaa ggg gta agc ttg gat aaa aga ttt gtt aac caa cac 270
76 Lys Glu Glu Gly Val Ser Leu Asp Lys Arg Phe Val Asn Gln His
77                80                85                90
79 ttg tgt ggc tct cac ttg gtg gag gcg ttg tac ttg gtt tgc ggc 315
80 Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly
81                95                100                105
83 gag cgt ggt ttc ttc tac act cct aag ggc atc gtt gag caa tgt 360
84 Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly Ile Val Glu Gln Cys
85                110                115                120
87 tgt acc tcc atc tgt tcc ttg tac cag ctg gag aac tac tgt aac 405
88 Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
89                125                130                135
91 tga 408

```

VERIFICATION SUMMARY

DATE: 01/24/2006

PATENT APPLICATION: US/10/523,999

TIME: 10:08:40

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\01052006\J523999.raw

L:4 M:283 W: Missing Blank Line separator, <120> field identifier
L:6 M:283 W: Missing Blank Line separator, <130> field identifier
L:8 M:270 C: Current Application Number differs, Replaced Current Application No
L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:12 M:283 W: Missing Blank Line separator, <160> field identifier
L:13 M:283 W: Missing Blank Line separator, <210> field identifier
L:17 M:283 W: Missing Blank Line separator, <400> field identifier
L:53 M:283 W: Missing Blank Line separator, <400> field identifier